

★ QST ★
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SSTV Calling Frequencies (Tech. Corres.)	47, Aug.
SSTV Monitor - Mark II, A Solid-State (Tschannen)	27, Mar.
Feedback	40, May
SSTV Video Inversion and Short Scans (Tech. Corres.)	42, Jan.
Telefax Transceiver Conversion, Tips on (Tech. Corres.)	55, Apr.
Tuner for ATV Applications, A (Bertini)	34, Oct.

POWER SUPPLY

Battery Eliminators (Tech. Corres.)	44, Sept.
Battery, Elpower Corp EP 1245-A	46, Aug.
Constant Voltage Divider, A (Stiles)	22, Feb.
Crowbar Circuit for Power Supplies, A (H & K)	50, Aug.
Experimenter's Power Supply (H & K)	51, Aug.
Nickel-Cadmium Walkie-Talkie Batteries Oscillations in Power Supply Regulators (Tech. Corres.)	45, July
Power Transformers, Heat Losses in (Johnson)	31, May
Preventing Transistor Failure in the Collins MP-1 Mobile Power Supply (H & K)	47, Feb.
Replacement for the CA 3055 Voltage-Regulator IC (Tech. Corres.)	41, Jan.
Running A Cooler LM309K IC Regulator (Tech. Corres.)	41, Jan.
Voltage-Multiplier Circuit, A Universal (Rumble)	48, Mar.

117/230-V Selector Switch for Heathkit Power Supplies (H & K) 57, Mar.

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Bad and the Good, The 72, June
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Is the Repeater King? 73, Nov.
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Managua Earthquake - A Christmas Tragedy 67, Apr.
RACES Inquiry 78 June; 98, July; 90, Aug.; 80, Nov.
SET of '73 Results, The (Mann) 72, July
Simulated Emergency Test - 1974 Announcement 57, Dec.

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CA3046 IC in a Direct-Conversion Receiver (Tech. Corres.) 45, Nov.
Ferrite Loop From BC Radio Makes Good Inductor for Medium-Frequency Preselector (H & K) 57, Mar.
Heath SB-303 and CW Reception, The (Tech. Corres.) 39, May
High-Performance Receivers (Tech. Corres.) 43, Jan.
HW-7, New Front End for Heath (Wine) 23, Dec.
Monolithic Filters for the FM-Receiver Builder 35, May
MOSFET Preamplifiers for 10, 6, or 2 Meters 30, Sept.
SSB - Filtering vs. Phasing Method (Tech. Corres.) 47, Mar.
SSB Receiver for 7 and 14 MHz, An (Earle) 33, Mar.
SSTV Monitor - Mark II, A Solid-State (Tschannen) 27, Mar.
Feedback 40, May
VHF Converters, The Rochester (Cupp & Oneske) 27, Aug.
Wireless Induction Receiver, Lowcom 49, Aug.
40-Meter CW Receiver, A (DeMaw) 11, Jan.
1296 Revisited, A Much-Used Converter for UHF Service (Troetschel) 40, July

RECENT EQUIPMENT/NEW APPARATUS

Battery, Elpower Corp EP 1245-A 46, Aug.
Chip Capacitors (Technical Topics) 37, Oct.
Circulators and Isolators, Microwave Associates, Inc. 49, Sept.
Clegg FM-27B FM Transceiver 45, May
Curtis EK-420 and KM-420 Programmable Electronic Keyer 38, Oct.
Cush Craft AFM-44D Gain Antenna 45, June
Digipet-60 Frequency Counter and Digipet-160 Converter 53, Apr.
E. F. Johnson Fleetcom 550 and 557 UHF FM Transceivers 47, Sept.
ETO Alpha 77 Linear Power Amplifier, The (Recent Equipment) 50, Mar.
Fluke Model 8000A 3-1/2-Digit Multimeter, The 54, June
GLB Electronics Model 400 B Channelizer 42, Oct.
Hal Communications RVD-1002 RTTY Video Display Unit and the RKB-1 TTY Keyboard 48, Apr.
Hal MKB-1 Morse Keyboard 56, Nov.
Hal ST-6 RTTY Demodulator, The 52, Apr.
Hallcrafters FPM-300 SSB Transceivers, The 54, Aug.
Heath GC-1005 Electronic Clock 43, Dec.
Heath HA-202 Two-Meter FM Amplifier, The 52, Aug.
Heath HM-2103 RF-Load Wattmeter, The 46, Sept.
Heath HW-7 CW QRP Transceiver 48, Jan.
Heath Model GR-110 Scanning Monitor 58, Aug.
Henry Radio Kenwood TS-511S Transceiver, The 48, May
Henry Radio Tempo CL-146 and CL-220 FM Transceivers 52, May
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Inoue Icom IC-21 Two-Meter FM Transceiver 52, Feb.
Monolithic Filters for the FM-Receiver Builder 35, May

Petit Logic Systems MT-5 Morse to Teletype Code Translator 57, Aug.
Regency Electronics HR2S and HR2MS FM Transceivers 50, June
SBE Linear Systems SB-450 UHF/FM Transceiver 54, Nov.
Standard's Model SR-C146 FM Transceiver 54, Mar.
Swan Model WM-1500 RF Wattmeter, The 54, Feb.
Swan Twins (600-T and 600-R) 44, Jan.
Ten-Tec KR-40 and KR-5 Electronic Keyers 42, Dec.
Texas Instruments SR-10 Electronic Slide Rule Calculator 44, Oct.
Tone Generator, Crystal-Controlled Subaudio 50, July
Wide Band Engineering Co. Miniature RF Amplifier 41, May
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Attack on 220, The (Editorial) 9, Aug.
Intruder Watch, The ARRL (Ericson) 50, Dec.
Minimal Regulation, The Case for (Dannals) 59, May
New Class E Citizens' Radio Service Proposed by FCC 51, July
New Exam Questions (Editorial) 9, June
Petition Deluge (Editorial) 9, July
Planning for the Future (Walker) 75, Aug.
Presentation for the Amateur Service Repeater Extension (Editorial) 50, Sept.
Resolution by the Board of Directors, A Straitjacket Or Flexibility (Editorial) 9, Mar.
220 Decision, The (Editorial) 9, Dec.
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Hal Communications RVD-1002 RTTY Video Display Unit and the RKB-1 TTY Keyboard (Recent Equipment) 48, Apr.
Hal ST-6 RTTY Demodulator, The (Recent Equipment) 52, Apr.
Message Generator for RTTY and CW, A TTL (Bell & Schmidt) 23, Nov.
Petit Logic Systems MT-5 Morse to Teletype Code Translator (Recent Equipment) 57, Aug.
RTTY, The F2TU for VHF FM (Legler) 24, Jan.
Feedback 23, Feb.
Teletype Goodies (Tech. Corres.) 41, Jan.

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Amsat-Oscar B Approved by NASA (Happenings) 92, Oct.
AOB Translator Tested. 53, Dec.
Az-El Antenna System for Oscar, A Simple (Nose) 11, June
Crossed Yagi Antennas for Circular Polarization (Nose) 21, Jan.
Doppler Anomaly on Oscar 6 435-MHz Beacon (World Above 50 Mc., The) 105, May
Field Day Use of Oscar 80, May; 70, June; 61, Aug.; 63, Nov.
Heterodyne Exciter for 432 MHz, A (Moretti) 47, Nov.
Instant Oscar Antenna (H & K) 33, Oct.
Mobile Stations Use Oscar 6 62, May
Oscar Recap 52, Dec.
Range Measurements with Oscar 6 (Meinzer) 36, May
Repetitive Orbits of Oscar 6 (Tech. Corres.) 45, July
Satellite DX Achievement Award "1000" 64, Mar.; 77, Apr.; 38, Nov.
Sixth Amateur Satellite - A Technical Report (King) Part I 66, July
Part II 69, Aug.
Traffic-Handling via Oscar 6 62, May
VHF SS Oscar 6 61, June
VXO For Oscar 6 (H & K) 48, June
W3TMZ Works All States (Oscar News) 96, Sept.

TECHNICAL PRINCIPLES & APPLICATIONS

Bearing and Distance Calculations by Sleigh of Hand (Hall) 24, Aug.
Calculator, Using the ARRL L/C/F (LaPlaca) 26, Dec.
Doppler Anomaly on Oscar 6 435-MHz Beacon (World Above 50 Mc., The) 105, May
Filter Terminations (Technical Corres.) 46, Mar.
Helical Resonators for HF Band Use (Myers & Greene) 18, Apr.

Power-Amplifier Design, Fundamentals of Solid-State (Johnson & Artigo)	
Part III	28, Apr.
Power Transformers, Heat Losses in (Johnson)	31, May
Reflections, Another Look at (Maxwell)	
Part I	35, Apr.
Part II	20, June
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VHF RF Transistor Provides 70-Watt Output, New (Technical Topics)	44, Feb.
Voltage-Multiplier Circuit, A Universal (Rumble)	48, Mar.

TRANSCIVERS

Clegg FM-27B FM Transceiver (Recent Equipment)	45, May
Contest Spotting Switch for the 32S-3, A (G & G) (White)	40, Mar.
E. F. Johnson Fleetcom 550 and 557 UHF FM Transceivers (Recent Equipment)	47, Sept.
Hallicrafters FPM-300 SSB Transceiver, The (Recent Equipment)	54, Aug.
Heath HW-7 CW QRP Transceiver (Recent Equipment)	48, Jan.
Henry Radio Kenwood TS-511S Transceiver, The (Recent Equipment)	48, May
Henry Radio Tempo CL-146 and CL-220 FM Transceivers (Recent Equipment)	52, May
Henry Radio TS-900, The (Recent Equipment)	56, July
HW-7, New Front End for Heath (Wine)	23, Dec.
Micromountainer, 40-Meter CW Transceiver (Hayward)	11, Aug.
Portable Package, Quality Recipe for a (Batie)	34, Aug.
Preamp to Improve SSB Transceivers, A Single-Band (Belcher & McCormick)	14, Nov.
Receiver Offset Tuning for the HW-7 (H & K)	48, June
Regency Electronics HR2S and HR2MS FM Transceivers (Recent Equipment)	50, June
Solid-State Transceiver for 160 Meters, A (Dorbuck)	11, Dec.
Standard's Model SR-C146 FM Transceiver (Recent Equipment)	54, Mar.
Transceiver Operation for the Heath HX-10 (Berman)	30, May
Using the Heath SB650 with other than Heath Transceivers (H & K)	52, Jan.
Feedback	65, Mar.
80-Meter, QRP CW Transceiver, An (DeMaw & Wilson)	16, July
220 MHz, A CB Rig for (Myers & Kalin)	32, Jan.

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Amplifier for 6 and 2 Meters, A Kilowatt (Richardson)	16, June
Amplifier for 144 MHz, A 2-KW PEP (Meade)	34, Dec.
ART-13 on 160 Meters (H & K)	61, Apr.
Computing SWR Meter, A Simple (Fayman)	23, July
Crystal Oscillator, The Tunable (Lisle)	30, Oct.
DSB and CW QRP Transmitter, A (Ringer)	26, Sept.
ETO Alpha 77 Linear Power Amplifier, The (Recent Equipment)	50, Mar.
Field-Strength Meter, A Linear (McCoy)	18, Jan.
FM Adapter for 2-Meter A-M Transmitters, An (Davitt)	11, July
Frequency Stability and the MK-II Pip-Squeak (Technical Topics)	36, Jan.
Heath HM-2103 RF-Load Wattmeter, The (Recent Equipment)	46, Sept.
Heterodyne Exciter for 432 MHz, A (Moretti)	47, Nov.
HF-Band Solid-State Amplifier, An (Manon)	
Part I	18, Sept.
HF SSB CW Transmitter, A Medium-Power (Hulick)	
Part I	11, May
Part II	37, June
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Linear Amplifier That Doesn't Look Homemade, A Homemade (Tighe)	24, Feb.
Mini-Powerhouse on Wheels (Rankin)	52, July
Power-Amplifier Design, Fundamentals of Solid-State (Johnson & Artigo)	
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QRP Transmatch, A Poor Ham's (DeMaw)	11, Oct.
QRP Transmitter for 40 and 80 Meters, A (Heinen)	43, Apr.
RF Power Meter, A QRP Man's (DeMaw)	13, June

Rollerless Ultimate, The (Myers)	11, Nov.
Simplified Pi-Network DC Feed (H & K)	47, Feb.
SSB Generator with Digital Readout, A Solid-State (Helfrick)	11, Apr.
SSB Transmitter, How to Build (Stark)	17, Dec.
Two-Kilowatt Amplifier, 8873s in a (Myers & Wilson)	14, Oct.
VHF RF Transistor Provides 70-Watt Output, New (Technical Topics)	44, Feb.
2-Meter Amplifier, An Efficient Feedback	18, Feb.
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Amplifier for 6 and 2 Meters, A Kilowatt (Richardson)	16, June
Amplifier for 144 MHz, A 2-KW PEP (Meade)	34, Dec.
ATV with the Motorola T 44 UHF Transmitter (McLeod) Part II	36, Feb.
Az-El Antenna System for Oscar, A Simple (Nose)	11, June
Balanced Mixer for 1296 MHz, A High-Performance (Wade)	15, Sept.
Chip Capacitors (Tech. Topics)	37, Oct.
Circulators and Isolators, Microwave Associates, Inc.	49, Sept.
Clegg FM-27B FM Transceiver (Recent Equipment)	45, May
Crossed Yagi Antennas for Circular Polarization (Nose)	21, Jan.
FM Adapter for 2-Meter A-M Transmitters, An (Davitt)	11, July
FM Repeater News, Band Plans	101, July
Frequency Stability and the MK-II Pip-Squeak (Technical Topics)	36, Jan.
Frequency Synthesis, A Practical Approach to Two-Meter (Bertini & Van Hooft)	
Part I	31, June
Part II	34, July
Feedback	45, Sept.
GLB Electronics Model 400 B Channelizer (Recent Equipment)	42, Oct.
Heath HA-202 Two-Meter FM Amplifier, The (Recent Equipment)	52, Aug.
Heath Model GR-110 Scanning Monitor (Recent Equipment)	58, Aug.
Henry Radio Tempo CL-146 and CL-220 FM Transceivers (Recent Equipment)	52, May
Heterodyne Exciter for 432 MHz, A (Moretti)	47, Nov.
Inoue Icom IC-21 Two-Meter FM Transceiver (Recent Equipment)	52, Feb.
MOSFET Preampifiers for 10, 6, or 2 Meters	30, Sept.
Parabolic Antennas, Simple and Efficient Feed for (Vilardi)	42, Mar.
Power-Amplifier Design, Fundamentals of Solid-State Part III (Johnson & Artigo)	28, Apr.
Regency Electronics HR2S and HR2MS FM Transceivers (Recent Equipment)	50, June
Repeater Antennas, Calculating Vertical Pattern of (Dorbuck)	24, Apr.
Tensioning Device for VHF Tuning Mechanisms (H & K)	51, Aug.
Tuner for ATV Applications, A (Bertini)	34, Oct.
VHF Converters, The Rochester (Cupp & Oneske)	27, Aug.
VHF RF Transistor Provides 70-Watt Output, New (Technical Topics)	44, Feb.
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California-to-Hawaii Tropo Tests Scheduled	106, May
California-to-Hawaii on 2-Meter Tropo	95, Oct.
Doppler Anomaly on Oscar 6 435-MHz Beacon	105, May
FCC Seeks 224-225 MHz for CB	107, Aug.
Gone, But Not Forgotten	102, June
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Space Diversity Reception	96, Apr.
Transpacific VHF Duct Propagation	100, Nov.
Tropo Ducting	102, July
1972 - A Last Look	87, Jan.
Who Wants 220, Anyway?	94, Oct.
12-Foot Dish, Evaluation of the WA9HUV	88, Jan.
2-Meter Amplifier, An Efficient Feedback	18, Feb.
	47, June
220 MHz, A CB Rig for (Myers & Kalin)	32, Jan.
1296 Revisited, A Much-Used Converter for UHF Service (Troetschel)	40, July

